CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT



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OUNTRY	Czechoslovakia		REPORT					
UBJECT	Production of Bridges and Pontons		DATE DISTR.		17 June 1955			
	at CKD Stalingrad National Enterprise in Prague - Vysocany	, ge	NO. OF PAGES	2		5		
ATE OF INFO.			REQUIREMENT NO.	RD	5			
LACE ACQUIRE			REFERENCES					
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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.

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(FOR KEY SEE REVERSE)

- CKD starringrad National interprise in Frague Vysocany is producing military sectional bridges and pontons. About 3,000 workers are employed in this work. These bridges are as long as 100 meters and can be assembled in a few hours; they are made in individual parts which can be assembled merely by the use of screws. Their roadway is 4.6 meters, and their steel structure is 3.8 meters high. Special pontons, capable of supporting the heaviest vehicular traffic, are made to be used as piers for river bridges. The height of these piers can be adjusted according to the height of the river banks.
- 2. Monthly production capacity is 8 complete bridges, 50 meters long, with 7 pontons (sic). The necessary section iron is supplied by the Kladno steel plants. The entire output to date, consisting of 48 25X1 bridges, has gone to the USSR.
- 3. The bridge parts are first treated with artificially oxidized, boiled linseed oil; when the oil is dry, three coats of minium are applied; when all this is completely dry, a final coat of paint is applied of which the composition is not known; it supposedly consists of very elastic and tough film.
- 4. The plant machinery includes rapid drills driven by direct current motors, capable of drilling up to 260 millimeters, compressed-air (12 atmospheres) riveting machines, cutting machines with smooth-edged disks, with a diameter of 2,400 millimeters, driven by 60-horsepower motors which run at 1,400 revolutions per minute, and 350-atmosphere hydraulic presses.
- 5. According to present plans, production in 1955-1956 is to increase by at least 200 percent.

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